

CLAIMS

1. A method of securing a device having data communication capability, comprising
 - dynamically detecting a control connection, which originates from said device,
 - noticing negotiation of a related connection within said control connection, said negotiation comprising at least defining a port of the device for said related connection,
 - checking if relationship between said port of the device and the control connection fulfills predefined criteria, and
 - conditionally blocking said related connection, if said port of the device does not fulfill said predefined criteria.
2. A method according to claim 1, wherein said predefined criteria requires that said port of the device is opened within a predefined time window in relation to noticing negotiation of a related connection within said control connection.
3. A method according to claim 1, wherein said predefined criteria requires that said control connection and said port of the device are opened by the same process family.
4. A method according to claim 1, wherein said device is running an applet.
5. A method according to claim 4, wherein said control connection originates from the applet.
6. A device having data communication capability and comprising a module, which is configured to
 - dynamically detect a control connection, which originates from said device,
 - notice negotiation of a related connection within said control connection, said negotiation comprising at least defining a port of the device for said related connection,

- check if relationship between said port of the device and the control connection fulfills predefined criteria, and
- conditionally block said related connection, if said port of the device does not fulfill said predefined criteria.

7. A device according to claim 6, wherein said device is running an applet.

8. A computer readable storage medium comprising a computer program that carries out steps procedure which comprises dynamically detecting a control connection, which originates from said device,

- noticing negotiation of a related connection within said control connection, said negotiation comprising at least defining a port of the device for said related connection,
- checking if relationship between said port of the device and the control connection fulfills predefined criteria, and
- conditionally blocking said related connection, if said port of the device does not fulfill said predefined criteria.

9. A computer readable storage medium according to claim 8, wherein said predefined criteria requires that said port of the device is opened within a predefined time window in relation to noticing negotiation of a related connection within said control connection.

10. A computer readable storage medium according to claim 8, wherein said predefined criteria requires that said control connection and said port of the device are opened by the same process family.

11. A computer readable storage medium according to claim 8, wherein said device is running an applet.

12. A computer readable storage medium according to claim 8, wherein said control connection originates from the applet.

13. A computer readable storage medium, comprising
a computer program that carries out a personal firewall process
which further includes
dynamically detecting a control connection, which originates from
said device,
- noticing negotiation of a related connection within said control
connection, said negotiation comprising at least defining a port of the device
for said related connection,
- checking if relationship between said port of the device and the
control connection fulfills predefined criteria, and
- conditionally blocking said related connection, if said port of the
device does not fulfill said predefined criteria.

14. A device having data communication capability and comprising
a first detector dynamically detecting a control connection, which
originates from said device,
a second detector detecting a negotiation of a related connection
within said control connection, said negotiation comprising at least defining a
port of the device for said related connection,
a controller checking if relationship between said port of the device
and the control connection fulfills predefined criteria, and
said controller conditionally blocking said related connection, if said
port of the device does not fulfill said predefined criteria.

15. A device according to claim 14, wherein said device is running
an applet.